

10/13/00  
JC803 U.S. PTO

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 79854

First Inventor or Application Identifier Rolison

Title HIGH SURFACE AREA, NANOSCALE, MESOPOROUS

Express Mail Label No.

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 17]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
4. ☐ Oath or Declaration [Total Pages 19]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

\* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☐ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
13. ☐ \* Small Entity Statement(s) ☐ Statement filed in prior application, Status still proper and desired (PTO/SB/09-12)
14. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
15. ☐ Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:
- ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_  
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

|         |  |           |      |          |              |
|---------|--|-----------|------|----------|--------------|
| Name    |  |           |      |          |              |
| Address | Code 1008.2, Naval Research Laboratory<br>4555 Overlook Ave., S.W. |           |      |          |              |
| City    | Washington   | State     | D.C. | Zip Code | 20375-5320   |
| Country | USA  | Telephone |      | Fax      | 202-404-7380 |

|                   |                         |                                   |          |
|-------------------|-------------------------|-----------------------------------|----------|
| Name (Print/Type) | Amy Loch Rensing #46272 | Registration No. (Attorney/Agent) | 45814    |
| Signature         | <i>A. Loch Rensing</i>  | Date                              | 10/15/00 |

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10/13/00  
JC803 U.S. PTO  
09/689700

# FEE TRANSMITTAL for FY 2001

Patent fees are *subject* to annual revision.

## Complete if Known

Application Number  
Filing Date  
First Named Inventor Rolison  
Examiner Name  
Group Art Unit  
Attorney Docket No: 79,854

TOTAL AMOUNT OF PAYMENT (\$ ) 1030

3921 U.S. PTO  
09/689700  
10/13/00

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 50-0281  
Deposit Account Name Naval Research Laboratory

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

| Fee Code (\$)         | Fee Code (\$) | Fee Description  | Fee Paid |
|-----------------------|---------------|--|----------|
| 105 130 205 65        |               | Surcharge - late filing fee or oath  |          |
| 127 50 227 25         |               | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139 130 139 130       |               | Non-English specification  |          |
| 147 2,520 147 2,520   |               | For filing a request for ex parte reexamination                            |          |
| 112 920* 112 920*     |               | Requesting publication of SIR prior to Examiner action                     |          |
| 113 1,840* 113 1,840* |               | Requesting publication of SIR after Examiner action                        |          |
| 115 110 215 55        |               | Extension for reply within first month                                     |          |
| 116 390 216 195       |               | Extension for reply within second month                                    |          |
| 117 890 217 445       |               | Extension for reply within third month                                     |          |
| 118 1,390 218 695     |               | Extension for reply within fourth month                                    |          |
| 128 1,890 228 945     |               | Extension for reply within fifth month                                     |          |
| 119 310 219 155       |               | Notice of Appeal   |          |
| 120 310 220 155       |               | Filing a brief in support of an appeal                                     |          |
| 121 270 221 135       |               | Request for oral hearing   |          |
| 138 1,510 138 1,510   |               | Petition to institute a public use proceeding                              |          |
| 140 110 240 55        |               | Petition to revive - unavoidable   |          |
| 141 1,240 241 620     |               | Petition to revive - unintentional   |          |
| 142 1,240 242 620     |               | Utility issue fee (or reissue)   |          |
| 143 440 243 220       |               | Design issue fee   |          |
| 144 600 244 300       |               | Plant issue fee  |          |
| 122 130 122 130       |               | Petitions to the Commissioner  |          |
| 123 50 123 50         |               | Petitions related to provisional applications                              |          |
| 126 240 126 240       |               | Submission of Information Disclosure Stmt                                  |          |
| 581 40 581 40         |               | Recording each patent assignment per property (times number of properties) |          |
| 146 710 246 355       |               | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149 710 249 355       |               | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179 710 279 355       |               | Request for Continued Examination (RCE)                                    |          |
| 169 900 169 900       |               | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ )

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity

Fee Fee Fee Fee Fee Description  
Code (\$) Code (\$)

| Fee Code (\$)   | Fee Code (\$) | Fee Description        | Fee Paid |
|-----------------|---------------|------------------------|----------|
| 101 710 201 355 |               | Utility filing fee     | 710      |
| 106 320 206 160 |               | Design filing fee      |          |
| 107 490 207 245 |               | Plant filing fee       |          |
| 108 710 208 355 |               | Reissue filing fee     |          |
| 114 150 214 75  |               | Provisional filing fee |          |

SUBTOTAL (1) \$ 710

### 2. EXTRA CLAIM FEES

Total Claims 14  
Independent Claims 7  
Multiple Dependent  
Extra Claims  
-20\*\* = 4 X 80 = 320  
-3\* = 4 X 80 = 320

Large Entity Small Entity

Fee Fee Fee Fee Fee Description  
Code (\$) Code (\$)

| Fee Code (\$)   | Fee Code (\$) | Fee Description   |
|-----------------|---------------|---|
| 103 18 203 9    |               | Claims in excess of 20                                  |
| 102 80 202 40   |               | Independent claims in excess of 3                       |
| 104 270 204 135 |               | Multiple dependent claim, if not paid                   |
| 109 80 209 40   |               | * Reissue independent claims over original patent       |
| 110 18 210 9    |               | Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

\$ 320

\*or number previously paid, if greater; For Reissues, see above

## 7. SUBMITTED BY

| Name (Print/Type)       | Registration No. (Attorney/Agent) | Telephone    |
|-------------------------|-----------------------------------|--------------|
| Amy Loch Rensing #46277 | 45814                             | 202-404-1558 |
| Signature               | Date                              |              |
| <i>A. Rensing</i>       | 10/13/00                          |              |

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